Field Notes
of
E. W. Richards
Re Nevada County Birds
Gift to MVZ, Ac. 3088
Cat. nos. 53342-53548

Alice in
America
New & Canada

John Brown
in England
Tartan
of Argyle
U.S.

67,50
155.

222,50
32

254,50
6.

260,50

3061

Song of American Crossbill.

Heard March 21 '26

consists mainly of two notes repeated with different arrangements to wit: chee-p, chee-p, chip, chip chip. last three repeated rapidly. Sometimes only the "chip" was heard Once a warble was note after the song

Mar. 201 —— warbler heard

Mar. 212 warbler heard

1 Western Blue Bird.

✓ -Sialia mexicana occidentalis-
One ♂ taken, Feb. 3 '18, from a small flock of Bluebirds and House Finches. -C. m. frontalis-. were feeding in field. was quite fat.
Skin # 84.

2 Golden-Crowned Kinglet.

✓ -Regulus satrapa olivaceus-
One ♀ Taken Feb. 7. 1918, one mile north of G. V. Cal. from a flock of about a dozen. were working through a tangle Thicket.
Skin #85.

3 Northern Brown Towhee.
✓ -Pipilo crissalis carolae-
One ♀ taken march 13, '18.
at grass Valley. Was shot at
dusk when three or four
left the bush to feed in
the open. Skin # 86.

4 Thick-billed Fox Sparrow
-Passerella iliaca megarhyncha-
✓ One ♂ taken april 9th 1918.
at Grass Valley, Calif.. Was feed
ing under the manzanitas.
Have seen several of this
species this spring. Skin # 87.

5 Alaska Myrtle Warbler.
✓ -Dendroica coronata hooveri-
One ♂ taken at champion
mill; one mile west of nevada
city. The first of the species
taken by me. Skin # 88.

6 ✓ Alaska Myrtle Warbler.
– Dendroica coronata hooveri –
One ♂ taken with #88.
Three birds were seen at
that time, the first I have
ever seen here. Skin #89
April 11'18.

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7 ✓ Anna Hummingbird.
– Calypte anna –
One ♂ taken April 14, 1918.
Two miles west of Grass
Valley, Cal. One of 3 males
taken. Saw many anna
in that locality where the
mangenita is in full bloom.
Skin #90.

8 ✓ Calliope Hummingbird.
– Stellula calliope –
One ♂ taken April 14, 1918, 2 miles
west of G.V. Cal., while hunting
calypte anna. This is the only
one seen. Skin #91.

9. Cassin Vireo

1 - Lanivireo solitarius cassini -
one ♂ Taken may 5, 1918. one
mile west of Grass Valley, Calif.
Skin # 92.

✓ 10 Cabanis Woodpecker
-Dryobates villosus hyloscopus-
One ♀ taken Sept 22, 1918. one
mile north of Grass Valley, Calif.
Skin # 93.

✓ 11 Willow Woodpecker.
-Dryobates pubescens turati-
One ♂ taken Oct. 3. 1918 at
Grass Valley, Calif. Skin # 94

12 Alaska Hermit Thrush.
✓ -Hylocichla guttata guttata-
One ♀ taken Dec. 1st, 1918 at Grass
Valley, Calif., Skin # 95.

✓ 13 Plain Titmouse
-Baeolphus inornatus inornatus-
One ♀ taken Dec. 8. 1918 at Grass
Valley, Calif. Skin # 96.

14 Alaska Hermit Thrush
√ -Hylocichla guttata guttata-
One ♀ taken Dec., 13, 1918 at Nevada
City, Calif. Skin #97.

15 California Purple Finch
-Carpodacus purpureus californicus-
√ One immatured male taken
Dec. 15. 1918. at Nevada City.
Calif. Skin #98.

16 Alaska Hermit Thrush
√ - Hylocichla guttata guttata -
One male taken Dec 15 1918 at
grass Valley. Calif. Skin # 99

17 California Purple Finch
-Carpodacus purpureus californicus -
√ one ♂ taken Dec. 17, 1918 at
grass Valley. Calif. Skin # 100

18 Plain Titmouse - ♀
-Baeolophus inornatus inornatus -
✓ Taken Dec. 17. 1918 at
Grass Valley. Calif. Skin # 101

19 Pallid Wren-tit.
✓ -Chamaea fasciata henshawi
One ♂ taken Dec 17. 1918
at Grass Valley, Calif.
Skin # 102

20 American Dipper
-Cinclus mexicanus unicolor -
✓ One male taken Dec. 20. 1918
at the Champion mine.
Nevada City, Calif. Skin # 103

21 Red-shafted Flicker
✓ -Colaptes cafer collaris, -
One ♂ taken December 20. 1918.
at Grass Valley. Calif. Skin # 104

22 Intermediate ~~Oregon~~ Junco
— Junco oregonus shufeldti — ~~oregonus~~ — Swarth
One ♂ taken Dec. 21, 1918
at Grass Valley Calif.
Skin #105

23 Audubon Warbler
✓ — Dendroica audubonii audubonii
One ♂ Taken Dec 21. 1918 at
Grass Valley, Calif.
Skin #106

Skins taken in 1919

1 Intermediate ~~Oregon~~ Junco
✓ — Junco oregonus shufeldti — ~~oregonus~~ — Swarth
One ♂ taken March 2, 1919.
at Grass Valley, Calif. Skin #107

2 Intermediate ~~Oregon~~ Junco
✓ — Junco oregonus shufeldti — ~~oregonus~~ — Swarth
One ♂ Taken March 2, 1919, at
Grass Valley, Calif. Skin #108

3 Sierra Creeper
- Certhia familiaris zelotes -
One ♀ taken march 2, 1919
at Grass Valley, Calif. Skin # 109

4 Alaska Hermit Thrush
- Hylocichla guttata guttata -
One ♀ taken march 2, 1919
at Grass Valley, Calif. Skin # 110

5 Dwarf
~~Alaska~~ Hermit Thrush
- Hylocichla guttata nanus -
One ♀ taken march 9, 1919.
One mile west of Nevada
City, Calif. Skin # 111
(Swarth. mus. Vert. Zool., Univ. Calif.)

6 Alaska Hermit Thrush
- Hylocichla guttata guttata -
One ♂ taken march 14. 1919.
at Grass Valley, Calif. Skin # 112

7 Western Robin
✓ - Planesticus migratorius propinquus -
One ♂ taken march 15, 1919.
at Grass Valley, Calif. Skin #113

8 California Linnet
✓ - Carpodacus mexicanus frontalis -
One ♂ taken ~~—~~ April 15, 1919
at Grass Valley, Calif. Skin #114

✓9 Rufous Hummingbird
- Selasphorus rufus -
One ♂ taken April 20, 1919
at Grass Valley, Calif. Skin
#115.

10 Western Flycatcher
✓ - Empidonax difficilis difficilis -
One ♀ taken Sept. 14 1919 at
Grass Valley, Calif. Skin # 116.

11 Slender-billed Nuthatch
✓ -Sitta carolinensis aculeata -
One ♂ taken Sept. 15, 1919 at
Grass Valley, Calif. Skin # 117

12 Merrill Song Sparrow
-Melospiza melodia merrilli -
One young ♂ taken at Nevada
City, Calif. Sept., 21, 1919.
Skin # 118. (the skin with this
No. is a Zonotrichia

✓13 (Xenopicus a. albolarvatus)
Northern Whiteheaded Woodpecker. One male taken Oct.
5, 1919. Two miles west of
Nevada City, Calif. Skin # 119

14 Mountain Chickadee.
✓ (Penthestes gambeli gambeli)
One ♂ taken Oct. 5, 1919 one
mile west of Nevada City
Calif, Skin # 120

15 California Jay -
✓ - Aphelocoma c. californica -
One ♀ taken Oct. 19. 1919. at
Grass Valley, Calif. Skin #121

16 ~~Hermit~~ Varied Thrush
✓ - Ixoreus naevius ~~meruloides~~ naevius -
One male taken at the Champ-
ion mine, Nevada City, Nov.
3rd 1919. Was feeding on
Madrone berries. Several
of the species were in.
the Madrone tree. Skin #122

17 Cedar Waxwing
✓ - Bombycilla cedrorum -
One ♀ taken Nov. 3. 1919
at the Champion mine,
Nevada City, Calif. Had
madrone berries in crop,
was very fat. Skin #123

18 California Jay.
-Aphelocoma C. californica-
One ♂ taken Nov. 9. 1919
at Grass Valley, Calif. Skin #124

19 California Woodpecker
-Melanerpes formicivorus bairdi-
One ♂ taken Nov. 9 1919 at
Grass Valley. Calif. Skin #125

9.9-5:9-36

20 Western Robin.
-Planesticus migratorius propinquus-
One ♂ taken Nov. 11. 1919 at
Grass Valley. Calif. Skin #126

9.6-5:1-35

21 -Sharp-shinned Hawk-
-Accipiter velox-
One ♂ taken one mile west
of Grass Valley. Calif. Nov. 16, 1919.
Skin #127

11.1

22 Williamson Sapsucker
✓ - Sphyrapicus thyroideus -
One ♀ taken one mile north
of Grass Valley, Calif. Nov 16
1919. Skin #128

✓23 Sharp-shinned Hawk
- Accipiter velox -
One ♀ taken at Champion
mine, Nevada City, Calif
Nov. 16, 1919. This bird got
into the Cyanide Plant
at the mine and was
taken alive by the men,
but died during the night
Skin #129

13.2-

✓24 Cabanis Woodpecker.
- Dryobates v. hyloscopus -
One ♀ taken one mile north
of Grass Valley, Calif. Nov 19
1919. Skin #130

COLLECTION OF E. B. RICHARDS

216

actitis macularius ♀

COLLECTED AT Grass Valley, Calif.

June 6 1926 BY E.B.R.

✓25 Northern White-headed Woodpecker
–Xenopicus a. albolarvatus–
One ♂ taken one mile north
of Grass Valley, Calif. Nov. 16,
1919. Skin # 131

8.75–5–3.25

26 Western Evening Grosbeak
✓ –Hesperiphona vespertina
montana–
One ♂ taken at Town Talk,
Nevada Co. Calif. Nov. 23, 1919.
In flock of about 6 birds.
Skin # 132

✓27 Williamson Sapsucker
–Sphyrapicus thyroideus–
One ♂ taken at Town Talk,
Nevada Co. Calif. Nov. 23, 1919.
Was taken in grove of second
growth cedar. Skin # 133

✓28 Nuttall Woodpecker.
-Dryobates nuttalli-
One ♀ taken one mile south
of Nevada City. Calif. Nov. 23,
1919. Skin # 134

29 Varied Thrush
✓ -Ixoreus n. naevius-
One ♂ taken at Grass
Valley. Calif. Nov. 23, 1919
Skin # 135

✓30 Killdeer
9.40-6.50
-3.20
-Oxyechus v. vociferus-
One ♀ taken at Grass
Valley, Calif. Nov. 26. 1919
Skin # 136

— 1920 —

1 Bullock Oriole
— Icterus bullocki —
One male taken near Penn Valley Creamery, Nevada Co. April 25, 1920. Skin # 137

2 Ash-throated Flycatcher
— Myiarchus c. cinerascens —
One ♀ taken at Grass Valley, Calif. June 12, 1920. Skin # 138

3 Ash-throated Flycatcher
— Myiarchus c. cinerascens —
One ♀ taken at Grass Valley, Calif. June 12, 1920. Skin # 139

4 Western Tanager
— Piranga ludoviciana —
One young ♂ found dead under phone wires at Grass Valley Calif. July 27, 1920. Skin # 140

✓5 -Asyndesmus lewisi -
Lewis Woodpecker
One young ♂ taken Sept.
17, 1920 at Pleasant Valley,
Nevada Co. Calif. from a flock
of about a dozen. Skin #141

✓6 -Asyndesmus lewisi -
male taken Oct. 3, 1920
7 miles south of Grass
Valley, Calif. (on Dry Creek,
where I found them in
large numbers.) Skin #142

✓7 -Asyndesmus lewisi -
male taken Oct. 3, 1920
7 miles south of Grass
Valley. (on Dry Creek)
Skin #143

√8 -Asyndesmus lewisi-
One ♀ taken Oct. 3, 1920.
Seven miles south of
Grass Valley, Calif. (On
Deer Creek.) Skin #144

√9 Willow Woodpecker -
-Dryobates pubescens turati-
One ♀ taken Nov. 14, 1920,
one mile north of Grass
Valley, Calif. Skin #145

1921

~~10~~ -Junco o. schufeldti-
√ Intermediate Junco.
1 One ♂ taken Jan. 24, 1921
at Grass Valley, Calif. Skin #146

~~11~~ -Nyadestes townsendi-
√ Townsend Solitaire
(754) One ♀ taken at Grass Valley,
2 Calif. Feb. 6, 1921. Skin #147

3 Carpodacus cassini
(518) Cassin Purple Finch
✓ One ♀ taken Mar. 6, 1921
one mile north east of
Grass Valley, Calif. Skin #148

4 carpodacus cassini.
4 One young ♂ Taken March 6,
(518) 1921 one mile north east of
Grass Valley, Calif. Skin #149

5 – Myadestes townsendi –
(754) Townsend Solitaire.
✓ One ♀ taken Mar. 20. 1921
at Grass Valley, Calif. Skin #150

6 – Sclerus Bullocki –
(508) One male taken at Penn
Valley school house, Nevada
Co. Calif. May 1, 1921. Skin #151

√7 Ash-throated Fly catcher
– Myiarchus c. cinerascens –
(454) One ♂ taken at Pleasant
Valley, Nevada Co. Calif. May
8, 1921. Skin # 152

√8 Yellow-billed Magpie ♀
(476) – Pica nuttalli –
Taken April 10, 1921 at
Penn Valley, Nevada Co. Calif
Skin # 153

9 Western Crow.
– Corvus brachyrhynchos hesperis –
(488b) One ♂ taken nov. 7, 1921,
three miles west of Nevada
City, Calif. (L. O.) Skin # 154
orgali

√10 Northern Pileated Woodpecker.
– Phloeotomus pileatus abieticola –
(405a) One ♀ taken two miles west of
Nevada City, Calif. (L.C.) Skin # 155
nov 12, 1921, cuney

✓11 Blue-fronted Jay
= Cyanocitta stelleri frontalis =
(478a) One ♂ taken at grass valley, Calif. Nov. 27, 1922 Skin # 156

12 Sierra Red-breasted Sapsucker.
= Sphyrapicus v. daggetti =
(403) One ♂ taken Dec 4, 1921. at grass valley, Calif. Skin # 157

✓13 Northern Pigeon Hawk
= Falco c. columbarius =
(357) One ♂ taken 2 miles south of grass valley, Calif. Jan. 25 1922. (W.J.) Skin # 158

14
Cassin Vireo
(629a) Lanivireo solitarius cassini
✓ One ♂ taken 1 mile south of nevada City, Calif. Aug 26, 1922. Skin # 159

15 – Spizella passerina arizonae –
(560a) Chipping Sparrow. young ♂
Taken Oct. 7. 1922 at grass
valley. Calif. Skin # 160

16 – Spizella passerina arizona –
Chipping Sparrow. young ♂
(560a) Taken Oct. 7. 1922 at grass
valley. Calif. Skin # 161

17 – Phalaenoptilus n. californicus ♀
Lusky Poor-will. Taken
(418b) Oct. 9, 1922. at grass valley,
Calif. Skin # 162

18 – Zonotrichia coronata —— ♂
(557) Golden-crowned Sparrow
taken at Gross valley. Calif.
Oct. 12, 1922. Skin # 163

19 - Zonotrichia coronata - ♂
✓ Golden-crowned Sparrow
(557) Taken Oct. 18, 1922 at Grass Valley, Calif. Skin # 164

✓20 - Sphyrapicus varius daggetti - ♂
(403) Sierra Red-breasted Sapsucker.
Taken Oct. 20, 1922, at Grass Valley, Calif. Skin # 165

21 - Pica nuttalli - ♂
(476) Yellow-billed Magpie
✓ Taken Oct. 29, 1922 at ~~Grass~~ Penn Valley, Calif. Skin # 166

✓22 - Dryobates nuttalli - ♂
(397) Nuttall Woodpecker
Taken Oct. 29, 1922 at ~~Grass~~ Penn Valley, Calif. Skin # 167

23 ~~Sayornis nigricans~~ - ♂
~~Black Phoebe~~
~~Taken Oct. 29, 1922 at Penn~~
~~Valley, nevada Co. Calif.~~

23 - Sphyrapicus v. daggetti - ♂
Sierra Red-breasted Sapsucker
Taken at grass Valley. Calif.
Dec 20, 1922. Skin # 168

— 1923 —

1 - Hesperiphona v. montana - ♂
Western Evening Grosbeak.
Taken Feb. 1, 1923, at grass
valley, Calif. Skin # 169

2 - Hesperiphona v. montana. - ♂
Western Evening Grosbeak.
Taken Feb. 1 1923. at grass
valley, Calif. Skin # 170

Immatured

3 Hesperiphona v. montana ♂
Western Evening Grosbeak
Taken Feb. 1. 1923, at Grass
Valley, Calif. Skin # 171

4 -Pipilo crissalis carolae- ♀
Northern Brown Towhee
Taken at Grass Valley, Calif.
March 4, 1923 Skin # 172

5 -Spinella neglecta- ♂
Taken at Grass Valley, Calif.
March 4, 1923. Skin # 173

1924

1 Euphagus cyanocephalus ♂
Brewer Blackbird.
Taken March 4, 1924 at
Grass Valley, Calif. Skin # 174

2 Xenopicus a. albolarvatus. ♂
Northern White-headed Woodpecker.
Taken march 16, 1924. at nevada
City. Calif Skin # 175

3 Xenopicus a. albolarvatus ♂
Northern White-headed Woodpecker.
Taken march 16, 1924, at nevada
City. Calif. Skin # 176

4 Dryobates v. hyloscopus ♀
Cabanis Woodpecker.
Taken march 30, 1924. at
Grass Valley. Calif Skin # 177

5 Sitta carolinensis aculeata ♂
Slender-billed Nuthatch
Taken April 6, 1924, at Penn Valley
Nevada Co. Calif. Skin # 178

~~6 Sitta canadensis~~

6 Sclevia virens longicauda ♂
Long-tailed chat.
Taken May 18.24 at nevada city-
calif. Skin # 179

7 Empidonax d. difficilis ♂
Taken Sept. 7, 1924 at grass
valley, calif. Skin # 180

8 Baeolophus i. inornatus ♂
Plain Titmouse.
Taken at grass valley, calif.
Sept. 21, 1924. Skin # 181

9 Pica nuttalli. young ♂
yellow-billed magpie
Taken at Bear Valley, nevada co.
calif. Sept. 28, 1924 Skin # 182

10 Certhia familiaris zelotes ♀
Sierra Creeper. Taken Oct 12,
1924 at Grass Valley. Calif.
Skin # 183

11 Sitta carolinensis aculeata. ♀
Slender-billed Nuthatch
Taken Oct. 12. 1924 at Grass
Valley, Calif. Skin # 184

12 Penthestes g. gambeli ♂
Mountain Chickadee. Taken
Oct. 12. 1924 at Grass Valley,
Calif. Skin # 185

13 Catherpes m. punctulatus ♂
Dotted Canyon Wren. Taken Oct. 19.
1924 1 mile west of Nevada City. Calif.
at Champion mine. Skin # 186

14 Cinclus mexicanus unicolor. ♀?

✓ American Dipper

Taken on Deer Creek, one mile west of Nevada City, Calif. Oct. 19. 1924.

Skin # 187

78 Cinclus m. unicolor ♂

✓ American Dipper. Taken Oct. 19, 1924. On Deer Creek, 1 mile west of Nevada City, Calif.

Skin # 188

16 Cinclus m. unicolor. ♂

✓ American Dipper. Taken Oct. 19. 1924. On Deer creek, 1 mile west of Nevada City, Calif.

Skin # 189

17 Junco oreganus - Subspecies?. young ♂

Taken Oct. 26. 1924 at Grass Valley, Calif.

Skin # 190

✓

18 ♂
Junco oreganus - Subspecies?.
Taken Oct. 26, 1924, at Grass Valley.
Calif. Skin # 191

19 ♂
Xenopicus a. albolarvatus.
White-headed Woodpecker.
Taken at Nevada City, Calif
Nov. 2, 1924. Skin # 192

20 ♂
Dendroica a. auduboni
Audubon Warbler. Taken
at Grass Valley. Calif. Nov. 9,
1924. Skin # 193

21 ♀
Dryobates nuttalli.
Nuttall Woodpecker. Taken
Nov. 11, 1924. at Penn Valley,
Nevada Co. Calif. Skin # 194

22

22 Sphyrapicus varius doggetti. ♂
Sierra Red-breasted Sapsucker.
Taken Nov. 11, 1924. at Penn
Valley, Nevada Co. Calif. Skin # 195

23 Sphyrapicus varius doggetti. ♂
Sierra Red-breasted Sapsucker.
Taken Nov. 11, 1924. at Penn
Valley, Nevada Co. Calif. Skin # 196

24 Querquedula cyanoptera ♂
cinnamon Teal. Taken near
Colusa. Colusa Co. Calif. Dec. 7,
1924 by R. Payne. Skin # 197

25 Pipilo m. megalonyx. ♂
Spurred Towhee. Taken Dec. 14.
1924. at Grass Valley. Calif. Skin # 198

1925

1 ✓ Junco oreganus. subspecies? ??
Taken Feb. 1, 1925 at Grass valley, Calif. Skin # 199

2 ✓ Sialia mexicana occidentalis ♂
Western Bluebird. Taken at Grass Valley, Calif. march 15, 1925 Skin # 200

3 ✓ Vermivora c. lutescens ♂
Lutescent warbler. Taken march 22, 1925 at Grass Valley, Calif. Skin # 201

4 ✓ Western Flycatcher taken 1½ miles west of nevada city calif. (♂) may 3rd 1925 Skin # 202

5 Passerina amoena ♂
✓ Lazuli Bunting. Taken
at Grass Valley, Calif.
May 24. 1925. Skin #203

✓6 Asyndesmus lewisi. ♀
Lewis Woodpecker
Taken Sept 8, 1925 at
Grass Valley. Calif. Skin #204

7 Passerella iliaca mariposae ♂
✓ Yosemite Fox Sparrow. Taken
at Grass Valley, Calif. Nov 8
1925 Skin #205

8 Hylocichla g. guttata ♂
Alaska Hermit Thrush taken
at Grass Valley. Calif. Nov. 16.
1925. Skin #206

9 Dendroica a auduboni
✓ Audubon warbler, taken at Grass Valley, Calif. Nov. 15 1925. Skin # 207

✓ 10 Gallinago delicata ♂?
Wilson Snipe. Killed by striking a high power electric wire at Nevada City, Calif. Nov. 26. 1925 Skin # 208

11 Pipilo maculatus megalonyx ♀?
✓ Spurred Towhee, Taken at Grass Valley, Calif. Nov. 29 1925 Skin # 209

12 Pipilo maculatus megalonyx ♂
✓ Spurred Towhee. Taken at Grass Valley, Calif., Dec. 13, 1925. Skin # 210

13 Pipilo maculatus megalonyx ♂
Spurred Towhee. Taken at Grass Valley, Calif. Dec. 13, 1925
Skin * 211

14 Passerella iliaca. species? ♂
Fox Sparrow. Taken at Grass Valley, Calif. Dec. 13, 1925.
Skin * 212

15 1926

1 Sayornis nigricans. ♂
Black Phoebe. Taken at Penn Valley, Nevada Co, Calif.
Feb. 14. 1926. Skin * 213

2 Actitis macularius ♀
Spotted Sandpiper. Taken at Grass Valley. Calif. June 6. 1926
(nesting)
Skin * 216

✓ 3 Accipiter cooperi ♀

Cooper Hawk. Taken at ~~Alcourt~~ Penn Valley, Nevada Co. Calif. August 1st 1926 Skin #215

4 Melanerpes f. bairdi.

✓ Calif. Woodpecker. Taken at Grass Valley. Calif. Oct. 3, 1926. Skin # ~~216~~ 214

5 Bombycilla cedrorum ♂

✓ Cedar Waxwing Taken at Grass Valley Calif. November 20, 1926 Skin # 217

— 1927 —

1 Dendroica coronata hooveri ♂

✓ Alaska Myrtle Warbler, Taken at Grass Valley, Calif. April 10. 1927 Skin # 218

Obsolete Data

From stake marked P.C. No. 1 S. 29° E. 1800' to stake marked P.C. No. 2. Thence E. 25° E. 300' to stake marked P.C. No. 3. Thence 1500 ft. N. 29° E. to stake marked P.C. No. 4. Thence N. 23° E. 300 ft. to stake marked P.C. No. 5 thence N. 23° E. 300 ft. to stake marked P.C. No. 6. Thence S. 29° E 1500 ft. to stake marked P.C. No. 7 thence E. 25° E. 300' to stake marked P.C. No. 8. point of

66
7.5

66
3
198
~~7.5~~
990
1386
1485.0
12.
16050
1485.0
12.
1497

66
3

8) 198 (24.75'
16
38
32
60
56
40

5) 300 (3.)5'
24
60
56
40
40

198
24.75'
222.75' - from stake P.C. no 2 to stake P.C. no 3